



Attorney Docket: 381TO/41670C4  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TAKASHI MUKAIHIRA ET AL.  
Serial No.: 10/032,102 Group Art Unit: 3748  
Filed: DECEMBER 31, 2001 Examiner: B. TRAN  
Title: SYSTEM FOR DIAGNOSING DETERIORATION OF  
CATALYST

ADDITIONAL CLAIMS FEE TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231

Sir:


Transmitted herewith is an Amendment with fees as calculated below:

For	No. After Amendment	Highest No. Prev. Filed	No. Extra	Rate	Fee
Total Claims	17	- 20	= 0	x \$ 9/\$18	= \$
Indep. Claims	8	- 7	= 1	x \$42/\$84	= \$84.00
<b>TOTAL:</b>					<b>\$84.00</b>

A check in the amount of \$84.00 is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 05-1323 (Docket #381TO/41670C4). A duplicate copy of this letter is attached.

Respectfully submitted,

January 21, 2003

  
James F. McKeown  
Registration No. 25,406

CROWELL & MORING, LLP  
P.O. Box 14300  
Washington, DC 20044-4300  
Telephone No.: (202) 624-2500  
Facsimile No.: (202) 628-8844

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1-27-03  
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REPLY UNDER 37 CFR § 1.111

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Washington, D.C. 20231

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TECHNOLOGY CENTER R3700

Sir:

The following is responsive to the Office Action mailed on or about July 18,  
2002.

IN THE CLAIMS:

Cancel Claims 4, 5 and 8-16.

(A marked-up version of the amended claims is attached to this  
Amendment.)

Amend Claims 6 and 7 as follows:

6. (Amended) A catalyst-deterioration diagnostic system for  
diagnosing a deterioration state of a catalyst, comprising:

index means for obtaining a value of an index which is used for deciding  
the deterioration state of the catalyst;